Amendment to the Specification:

Please amend paragraphs [0001], [0037] and [0050] in the specification as shown below. No new matter has been added.

[0001]   The present application is related to and co-pending with and claims priority benefit of applications titled "A NETWORK OVERLAY GEO-LOCATION SYSTEM WITH SMART ANTENNAS AND METHOD OF OPERATION" SN 10/531,040 [[#]], "A SYSTEM AND METHOD FOR ENHANCING THE ACCURACY OF A LOCATION ESTIMATE" SN 10/531,044 [[#]], "NETWORK OVERLAY LOCATION SYSTEM AND METHOD FOR AIR INTERFACE WITH FREQUENCY HOPPING" SN 10/531,041 [[#]], "A SYSTEM AND METHOD FOR ESTIMATING THE MULTI-PATH DELAYS IN A SIGNAL USING A SPATIALLY BLIND ANTENNA ARRAY, SN 10/531,039 [[#]], and "WIRELESS COMMUNICATION NETWORK MEASUREMENT DATA COLLECTION USING INFRASTRUCTURE OVERLAY-BASED HANDSET LOCATION SYSTEMS" SN 10/531,042 [[#]], each filed October 16, 2003, the entirety of each of these applications is incorporated herein by reference.

[0037]   Given the mobile's ~~mobile'ss~~ transmit power and its observed receive power, the known equivalent distance can be calculated and used to determine a surface or a solitary location hyperbola derived from when two sites can hear the mobile appliance

[0050]   Figure 6 is a representative flow chart for a method for estimating location a mobile appliance in a sparse WLS deployment system wherein the number of WLS detecting and measuring an attribute of a signal of the mobile appliance is less than a predetermined number necessary for estimating a location. The geolocation system in Block 601 obtains a set of candidate measurement data. The candidate measurement data is selected from signal strength, timing advance, cell site hearability, sector hearability ~~hearablility~~, adjacent cell site power measurements, and multi-path signature and TOA

measurements. The candidate measurement data is compared to a set of predetermined measurement data as shown in Block 602. The predetermined measurement data may be based on theoretical propagation data or actual test drive data. Based on this comparison, a best fit can be used to determine the location of the mobile appliance as shown in Block 603.